

BRIDGE REPLACEMENT TO PIPE

BRIDGE #401

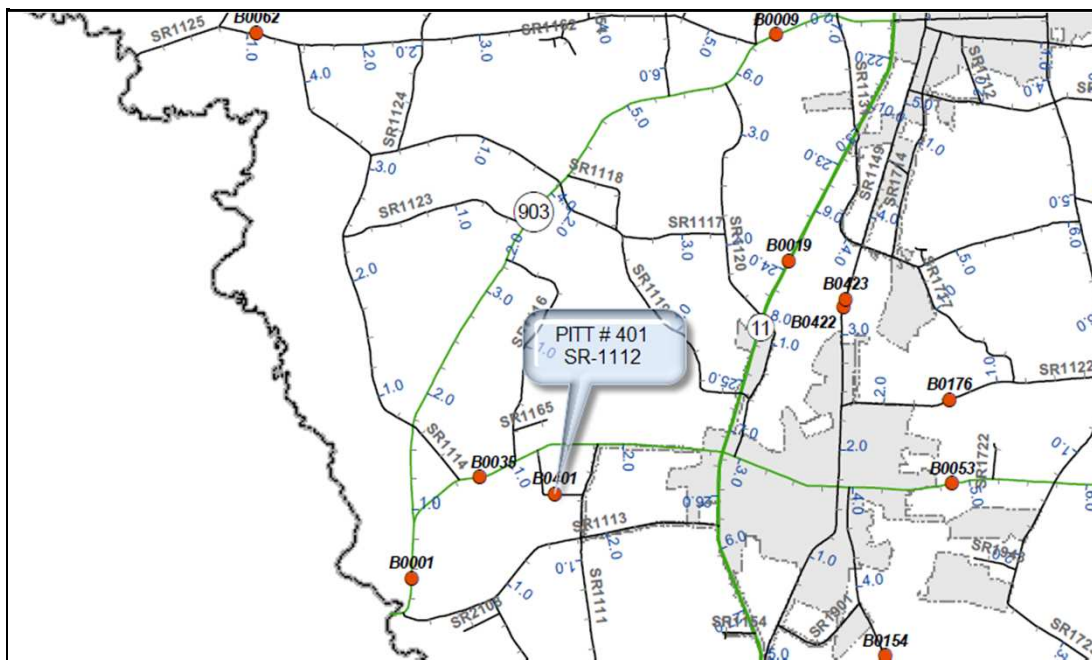
PITT COUNTY

SR-1112

EROSION CONTROL PLANS

March 8, 2011

PREPARED BY: TIM CASEY LEVEL III CERT.# 497
NCDOT-BRIDGE MAINTENANCE
PO BOX 371
NEW BERN, NC 28563



PROJECT DESCRIPTION

THE EXISTING STRUCTURE IS TWO SPANS OF TIMBER FLOOR ON I-BEAMS. 2 @ 12'-3" WITH TIMBER END BENT CAPS ON TIMBER PILES @ VARYING CENTERS. THE PROPOSED STRUCTURE IS 1 @ 12'-3" X 7'-3" STRUCTURAL PLATE PIPE ARCH (SPPA), 90 DEGREE SKEW WITH HEADWALLS. IT IS LOCATED ON SR-1112 AS A UNANMED TRIBUTARY TO LITTLE CONTENTNEA CREEK, 0.3 MILES WEST OF JUNCTION OF SR-1111 IN PITT COUNTY. IT IS ALSO SHOWN ON THE AYDEN QUADRANGLE.






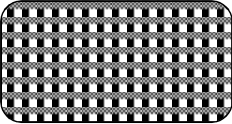







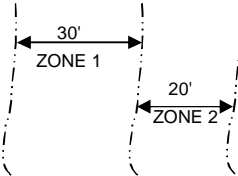
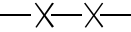



THIS PROJECT WILL BE COVERED UNDER A NW-31 PERMIT PER JAY JOHNSON (DEO-DIV II).

SEDIMENTATION AND EROSION CONTROL

DUE TO THE NATURE OF THE PROJECT, THERE IS EXPECTED TO BE SOME SEDIMENTATION AND MINOR EROSION DURING HEAVY AND PROLONGED RAINS. THE CONSTRUCTION SUPERVISOR OR SUITABLE REPRESENTATIVE SHALL CONSTANTLY WATCH FOR PROBLEM AREAS DURING CONSTRUCTION, ESPECIALLY AROUND CROSSLINE AND OUTLET DRAINAGE AREAS, AND TAKE THE FOLLOWING STEPS AS NECESSARY:

- (1) WHEN SILT FENCE APPROACHES FULL CAPACITY, IT SHALL BE CLEANED OUT AND/OR REPLACED AS NEEDED.
- (2) SHOULD UNFORESEEN DELAY IN CONSTRUCTION OCCUR, TEMPORARY OR STAGED SEEDING AND MULCHING WILL BE USED ACCORDINGLY.
- (3) ANY QUESTIONS OR PROBLEMS ARISING CONCERNING SEDIMENTATION OR EROSION CONTROL SHALL BE DIRECTED TO THE BRIDGE MAINTENANCE ENGINEER OR THE DIVISION ENVIROMENTAL OFFICER.

LEGEND SHEET

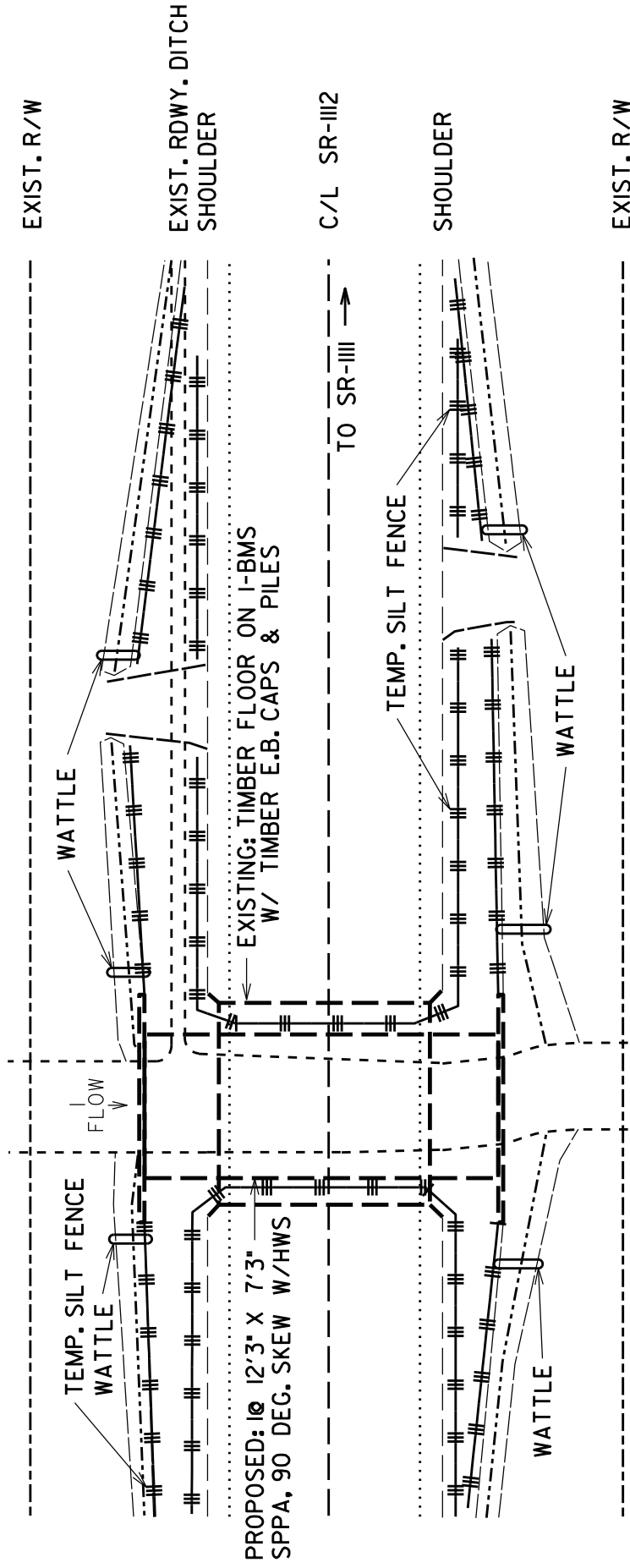
	Std.#
RIP RAP 	1605.01 TEMPORARY SILT FENCE 
STEEL SHEET PILE 	
COASTAL WETLANDS 	1630.02 SILT BASIN TYPE B 
DIRT (SILT BAG) 	1633.01 TEMPORARY ROCK SILT CHECK TYPE-A 
POWER POLE 	1633.02 TEMPORARY ROCK SILT CHECK TYPE-B 
WATERLINE 	1634.01 TEMPORARY ROCK SEDIMENT DAM TYPE-A 
SEWERLINE 	1634.02 TEMPORARY ROCK SEDIMENT DAM TYPE-B 
NEUSE RIVER RIPARIAN BUFFER 	TURBIDITY CURTAIN 
DIFFUSE FLOW 	BP CHECK DAM (EXPERIMENTAL) 
	WOODS LINE 

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION TWO, BRIDGE MAINTENANCE
NEW BERN, N.C.

EROSION CONTROL PLAN

PROPOSED BRIDGE TO PIPE
PITT #401, SR-III2
PITT COUNTY, DATE: 3/14/2011
DRAWN BY: T. CASEY

LITTLE CONTENTNEA CREEK
TRIBUTARY



—||—||— = PHASE #1 TSF
—||—||— = PHASE #2 TSF

WATER QUALITY CRITERIA:

STREAM CROSSING BLUE LINE STREAM ON USGS

NOTE: NOT TO SCALE
FOR PERMIT USE ONLY